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(54) Title: GENETICALLY MODIFIED NON-HUMAN MAMMALS AND CELLS

(57) Abstract: A genetically modified non-human mammal or cell characterised in that it does not comprise a nucleic acid sequence which itself encodes any endogenous immunoglobulin heavy chain constant region locus polypeptide.

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# INTERNATIONAL SEARCH REPORT

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Application No

B2004/000768

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12P21/08 C12N5/16 C12N15/85 C12N15/13 A01K67/027  
C07K16/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, BIOSIS, EMBASE, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/54348 A (BRUGGEMANN MARIANNE ; BABRAHAM INST (GB)) 3 December 1998 (1998-12-03)	1-6,11, 16-22, 29-33, 39-47, 57-70
Y	the whole document, in particular Example 1 and claim 7	7-10, 12-15, 23-28, 34-38, 48-56
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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## INTERNATIONAL SEARCH REPORT

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Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ZOU YONG-RUI ET AL: "Cre-loxP-mediated gene replacement: A mouse strain producing humanized antibodies" CURRENT BIOLOGY, vol. 4, no. 12, 1994, pages 1099-1103, XP009034794 ISSN: 0960-9822 cited in the application the whole document	7-10, 12-15, 23-28, 34-38, 48-56
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A	----- JAKOBOVITS A ET AL: "ANALYSIS OF HOMOZYGOUS MUTANT CHIMERIC MICE: DELETION OF THE IMMUNOGLOBULIN HEAVY-CHAIN JOINING REGION BLOCKS B-CELL DEVELOPMENT AND ANTIBODY PRODUCTION" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 90, no. 6, 1 March 1993 (1993-03-01), pages 2551-2555, XP000673147 ISSN: 0027-8424 cited in the application	
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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